

Ferner, H. and Gansler, H.
ELECTRON MICROSCOPIC STUDIES OF THE SUB-
MANDIBULAR GLANDS AND PAROTIDS OF THE
ADULT MAN (Elektronenmikroskopische Untersuchun-
gen an der Glandula Submandibularis und Parotis des
Menschen). [1963] [29p] (figs omitted) 21 refs
Order from SLA \$2.60 63-18915

Trans. of Zeitschrift für Zellforschung und Mikro-
skopische Anatomie (Germany) 1961, v. 55, no. 2,
p. 148-178.

DESCRIPTORS: *Electron microscopy, *Salivary
glands, Man, Tissues (Biology)

(Biological Sciences--Anatomy, TT, v. 10, no. 10)

I. Ferner, H.
II. Gansler, H.

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New Pneumatic and Hydraulic Elements in Measure-
ment and Control Technology, by V. Ferner, 15 pp.

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I-1496
ID 2198560

Bo1. - Electron
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V. Ferner, Kleinmaschin, 20 pp.

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525th MI Gp
I-1495
ID 2198559

Sci - Engr
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The Standard Control System, by V. Ferner,
20 pp.

GERMAN, per, Die Technik, No 1, 1954,
pp 34-37.

ACSI I-1494
ID 2198558

Sci - Engr

24 Sept 62

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New Pneumatic and Hydraulic Elements in Measurement and Control Engineering, by V. Ferner, 14 pp.

GERMAN, per, Die Technik, No 6, 1954, pp 359-365.

ACSI I-1478
ID 2198546

Sci - Engr, Phys

211, 061

18 Sept 62

The Semiproportional-Action Control - A New,
Promising Type of Control, by V. Ferner,
9 pp.

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ID 2174786

Sci - Engr

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Dag Hartman, 10 pp., UNCLASSIFIED

SWEDISH, per, Teknisk Tidskrift, 2 Sep 1952, pp 697-
701, 702-704.

Navy Tr737/ONI 1161

Scientific - Electricity, telemetering, engineering

Apr 53 CTS 1092

The Preparation of Corpus Luteum Hormone From
Stigmasterol, by E. Fernholz, 7 pp.

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SLA 60-10822

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Fernholz, Hans and Probst, Otto.
METHOD FOR THE MANUFACTURE OF PURE AND
SIMULTANEOUSLY STABILIZED SORBIC ACID.
[1963] 8p 19refs
Order from OTS or SLA \$1.10 63-20059

Trans. of German pub. patent appl. 1,137,731
F 26330 IVb/12a, cl. 12 o 21, Internat. cl. C 07 c,
appl. 5 Aug 58, by Farbwerke Hoechst Aktiengesell-
schaft vormals Meister Lucius & Bruning, pub.
11 Oct 62.

DESCRIPTORS: *Sorbic acid, Synthesis, Stability,
*Purification, Recrystallization, Distillation, Anti-
oxidants, Food, Preservation.

The invention involves a method for the preparation of
pure and simultaneously stabilized sorbic acid
characterized by the fact that the crude sorbic acid
is purified in the presence of 0.0002 to 3wt.% of a
(Chemistry--Organic, TT, v. 10, no. 10) (over)

I. Fernholz, H.
II. Probst, O.
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Criteria for the Use of Steels in High-Pressure,
High-Temperature Plants (Tubes), by A. Feroci.

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Oct 1960, pp 661-668.

BISI 2358

Sci - Min/Metals

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A Single-Bath Method of bleaching Cotton fabrics
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RUSSIAN, Proc. Investiya VUZ, Tekhnol. Tekstil.
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Experimental Consideration Regarding a New
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On the Reduction of Plutonyl Sulfate by γ Radiation,
by M. Pages, C. Ferradini, M. Halesinski, 3 pp.

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pp 1128-1129.

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Sci - Nuc Phys
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Patent No 492559 - Perfecting Rain Making Rockets,
by Mario Ferraguti, Luigi Marimpietri, 4 pp.

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1954. 563721

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Sci - Engineering; Geophysics
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Optimization of the Performance of a Plant for
Operating an Isothermal Conversion with Separation
and Recycling of the Reactants. Application to
the Dehydrogenation of Ethylbenzene as Practiced
in the Industrial Manufacture of Styrene,
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ITALIAN, per, Annali di Chimica, Vol 54, No 5,
1964, pp 384-411.
CTS(Chem)-416

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The Concept of Density of Thermal Losses and Its Importance on the Operation of Aluminum Electrolytic Baths, by L. Ferrand, 10 pp.

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Sci - Chemistry
Oct 56 CTS

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Note On a Case of Partial Return of Voluntary
Mobility Which Occurred After Suture of the
~~REMOVED~~ Spinal Cord Completely Severed By a Shell
Fragment. (Operation performed 130 days after
the injury), by Dr Jacob-Lortat, Emile Girou,
Ferrand, 8 pp.

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Scientific - Medicine

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CTS/DEX

Characteristics of Electrolytes Based On Fused
Cryolite With a Small Alumina Content, by M. L.
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Scientific - Electricity

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Aspects of the Relations between Soil, Plant and
Animal, by R. Ferrando.

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CSIRO-3415

Sci

Aug 58

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Action of the Decoction of Seeds of *Lupinus Albus*
on the Blood Sugar Curve in Glucose Tolerance
Tests on Normal Persons and on Diabetics, by A.
Ferremmini, M. Pirolli, 25 pp.

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SLA 3065

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Maurizio Ferrara, 5 pp.
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Degradation of Cortisone by Surviving Organs From
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Anaphylactic Shock, by R. Ferrara, et al, 5 pp.

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pp 259-265, May-Aug 1954.

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Sci • Medicine
Sep 56 CTE

The Rate of Solution of Divalent Rhombohedral
Carbonates in Acids, by Adolfo Ferrari, Luigi
Sessa, 9 pp.

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Assoc Tech Sv Tr 68891

(CIA/VD X-2354)

Sci - Chemistry
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Isolation and Chemical and Physical Characteristics II,
by P. Senni, A. Ferrari, G. Gallo, Rolland, 12 pp.

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337-345.

SLA 58-174

Sci

Aug 59

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Ferrari, A., Cavalc, L., and Nardelli, M.
SOME CHLOROAUROATES AND A CASE OF EXTEN-
SIVE MASS ISOMORPHISM. 5 Mar 63 [13]p. 6 refs.
Order from SLA \$1.60 63-16426

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1955, v. 85,
p. 137-144.

DESCRIPTORS: *Gold compounds, *Oxides, *Rubidium
compounds, *Palladium compounds, *Chlorides,
*Cesium compounds, *Copper compounds, *Crystal
lattices, Molecular structure, Crystallization.

Rubidium palladium chloroaurate and cesium palladium
chloroaurate were prepared, for which the formulas
were shown to be $Rb_2PdAu_2Cl_{12}$ and $Cs_2PdAu_2Cl_{12}$,
rather than $Rb_2PdAuCl_7$ and $Cs_2PdAuCl_7$. The lattices
of these compounds can be referred to a body-centered
(Chemistry--Inorganic, TT, v. 10, no. 7) (over)

63-16426

1. Title: Aurates
2. Title: Isomorphism
3. Title: Chloroaurates

- I. Ferrari, A.
- II. Cavalc, L.
- III. Nardelli, M.

A247294

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Research on Polyborates. I. Alkaline Borates,
by A. Ferrari and A. Magnani, 9 pp.

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Tubal Sterilization in the Past and in the
Present, by B. Ferrari, et al.
ITALIAN, per, Minerva Ginec, No 16, 1964,
pp 592-594.
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Ferrari, B.

Sci/DQM
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Application of the Method of Light Hill for
Construction of Straight Transonic Fluxes
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e Applicata, Vol I, No 4, 1960, pp 207-222.

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Sci-Phys
Mar 63

Fields of Motion in Compressible Fluids, by
C. Ferrari

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Scientific - Engineering
CRS/CEX

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Contributions to the Further Knowledge of Phosphorus
Molybdenum Blue, by C. Ferrari.

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Sci - Chem

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The Supersonic Flow About A Sharp Nosed Body of Revolution,
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~~RESEXIA~~ ITALIAN, per, L'Aerotecnica, Vol XVI, No 2, 1936.

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AAC Tr

Brown Univ Tr A9-T-18
under contract for AAC

A-2492

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The Body and Ogival Contour Giving Minimum Wave Drag,
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ITALIAN, per, Atti Accad Torino, Vol LXXXIV, (1),
1949-1950, pp 3-18.

Cornell Aeronautical Laboratory, Inc
USA Tr No OT/79

Scientific - Contour, wave drag, body, ogival
AERODYNAMICS

Index Aeronauticus

A 2493

Sci/Aero

Supersonic Flow Fields About Bodies of Revolution, by C.
Ferrari, 25 pp. UNCLASSIFIED

ITALIAN, per, L'Aerotecnica, Vol XVII, No 6, 1937.

CIA 559848

AMC Tr

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A9-T-22 for AMC
under contract
No AEC number.

A 2495

FERRARI, G. and RADAELLI, A. Experimental method
for the determination of frictional force due to elastic ring
ATA 22(3):155-8 (1969) (GB 47)

FERRARI, G

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Gas Dynamics -- One-Dimensional Flow,
Nonstationary, and not in Equilibrium
With a Gas in the Presence of a Field
of Ionized Radiation, by C. Ferrari,
J. N. Clarke.

PERMANENT, per, Accademia Nazionale dei
Lincei, Estratto dai Rendiconti della
Classe di Scienze Fisiche, Matematiche
e Naturali Serie VIII, Vol XXV, Nos 1/2,
1963, pp 3-9.
PRATO

C. Ferrari

Sci-Bugr
Oct 66

The Laminar Boundary Layer at Hypersonic
Speeds, by C. Ferrari.

POLISH, per, Aerotecnica, Vol XXXVI, No 2,
1956, pp 68-94.

NASA TT F-71

Sci .. Phys

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22 Nov 61

Ferrari, Carlo.
THE LAMINAR BOUNDARY LAYER AT HYPER-
SONIC SPEEDS (Sullo Strato Limite Laminare in
Corrente Ipersonica) tr. by R. H. Cramer. Sep 61.
56p. 7 refs. NASA Technical Trans. F-71; AD-263 083.
Order from OTS \$1.50 61-31611

Trans. of l'Aerotecnica (Italy) 1956, v. 36, no. 2.
p. (8-94.

DESCRIPTORS: *Laminar boundary layer, *Hyper-
sonic flow, *Airfoils, Heat transfer, Pressure, De-
flection, Gas flow, Mathematical analysis, Partial
differential equations, Integral equations,
*Hypersonics

A theoretical study of the laminar boundary layer on
an airfoil immersed in a hypersonic stream is made
under the assumption that (a) there is no heat transfer
(Mechanics--Aerodynamics, TT, v. 7, no. 2) (over)

61-31611

- I. Ferrari, C.
- II. NASA TT-F-71
- III. AD-263 083
- IV. National Aeronautics
and Space Administration,
Washington, D. C.

185319

Office of Technical Services

NASA TT F-71

National Aeronautics and Space Administration.
THE LAMINAR BOUNDARY LAYER AT HYPER-
SONIC SPEEDS. (Sullo strato limite laminare in
corrente ipersonica.) Carlo Ferrari. September
1961. 56p. OTS price, \$1.50.

(NASA TECHNICAL TRANSLATION F-71. Transla-
tion from Aerotecnica, v. 36, no. 2, April 1956,
p. 68-94 (Italy).)

A theoretical study of the laminar boundary layer on
an airfoil immersed in a hypersonic stream is made
under the assumption that (a) there is no heat transfer
to the wall, and (b) there is zero gradient of pressure
normal to the direction of development of the layer
along the wall. Numerical applications are presented
to illustrate the use of the theory for flow along a flat
plate and for flow along a curved wall for which the
shape is specified by certain governing profile
parameters.

Copies obtainable from NASA, Washington

- I. Ferrari, Carlo
- II. NASA TT F-71
- III. Aerotecnica, v. 36,
no. 2, Apr. 1956,
p. 68-94 (Italy)

(Initial NASA distribution:
1, Aerodynamics, aircraft;
2, Aerodynamics, missiles
and space vehicles;
20, Fluid mechanics.)

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Wall Turbulence, by Carlo Ferrari, 133 pp.

ITALIAN, bk, Corso Sulla Teoria della
Turbolenza, 1957, Rome

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Sci - Phys

May 59

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On the Determination of Certain Basic Types of
Supersonic Flow Fields, by Carlo Ferrari,
17 pp.

ITALIAN, Summa Rendiconti della R. Accademia
Nazionale dei Lincei, Series 8, Vol VII,
No 6, Dec 1949, CIA D-237825

NACA TM 1381

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Scientific - Physics

Dec 1954 CTS

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Ferrari, Carlo.
THE BODY AND OGIVAL CONTOUR GIVING MINI-
MUM WAVE DRAG (Sul Problema del Fuso e dell'Ogiva
di Minima Resistenza d'Onda). [1963] 23p 11refs
Order from SLA \$2.60 TT-63-20659

Trans. of Accademia delle Scienze di Torino. [Classe
di Scienze Fisiche, Matematiche e Naturali]. Atti
(Italy) 1949/50, v. 84, no. 1, p. 3-18.
(Abstract available)

DESCRIPTORS: *Fluid flow, *Supersonic flow,
*Aerodynamic configurations, *Bodies of revolution,
*Ogives, *Drag, Numerical analysis.

Certain qualifications are premised in connection with
the errors arising from the linearization of the equation
describing fluid flow at supersonic speeds, and re-
ference and review is subjoined of the results obtained
(Mechanics--Aerodynamics, TT, v. 11, no. 3) (over)

TT-63-20659

I. Ferrari, C.

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Office of Technical Services

On Rotational Conical Flow, by Carlo Ferrari, 12 pp.

Full translation.

ITALIAN, per, Opere di Modesto Panetti, N 25 Nov 1950.

NACA TM 1333

Sci - Aero

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A 2496

On the Nucleonic Component in the Atmosphere
II, by E. Clementel, F. Ferrari, 12 pp.

ITALIAN, per, Il Nuovo Cimento, Vol. IX, no 7,
1952, pp 572-579.

S.L.A. Tr 101

Wur - Italy
Scientific - Nuclear Physics

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Cements with Controlled Expansion.

Il Cemento, No 5-6, 1949, pp. 68-71.

DSIR/4526/CT

A 2497

Ferrari, F.
CONCERNING POZZOLANA CEMENTS CONTAINING
GYPSUM. [20 Jan 50] 8p 12refs
Order from SLA \$1.10

TT-64-14846

Trans. of Tonindustrie-Zeitung (Germany) 1938, v. 59,
no. 28, p. 316-317.

(Materials, TT, v. 11, no. 11)

TT-64-14846

I. Ferrari, F.

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Sections of Elastic Impact Proton-Proton and Neutron-Proton, by L. Beretta, C. Villi, F. Ferrari, 51 pp.

ITALIAN, per, Nuovo Cimento, Vol XII, No 9, Suppl. No 3, 1954, pp 499-548.

AEC Tr 2288

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Scientific - Electronics

Nov 55 CTS/DEX

A Test to Show the Presence of Acridine Derivatives
in the Urine, by G. Ferrari, 6 pp.

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pp 928-932.

SLA Tr 57-1691

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Jun 58

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Utilization of the Colchicine Effect in Vivo for
the Study of Human Chromosomes, by C. Bottura,
I. Ferrari, 2 pp.

PORTUGUESE, per, Anais Paulistas de Medicina e
Cirurgia, Vol LXXX, 1960, pp 294-295.

NIH 10-24-61

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Sci - Med

Jan 62

Ceramic Fuel Processing Plant at the
Casaccia Centre, by S. Ferrari.
ITALIAN, per, Notiziario Comitato Nazionale
Energia Nucleare, Vol X, Aug, Sep 1964,
pp 46-51.

AEC/Windscale Tr 169
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The Relation Between Soil Fertility,
Vegetation-Survey Units and Grass Pro-
duction on Old Permanent Pastures in a
Sandy District, by T. De Boer, T.
Ferrari.

DUICH, per, Verslagen van Landbouwkundige
Onderzoekingen, No 62, pp 1-23.

CSIRO 3656

Sci - Biol
Jul 62

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The Education^{le} Function of Sanatoria, by V.
Ferrari, 5 pp.

ITALIAN, per, Giorn Ital Tuberc, ^{Vol} No 1, No 4,
Mar 1947, pp 207, 208.

SLA Tr 2200

Sci - Medicine
Nov 57

33, 889

Clinical Experiments With 5-Hydroxytryptamine
(Serotonin) in Some Forms of Hemorrhagic Diathesis,
by A. Allegri, V. Ferrari, 15 pp.

ITALIAN, per, Minerva Med, Vol XLV, 1954, pp 1660,-
1663.

gIA Tr 2462

Sci - Chemistry

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Aug 57

Ferrari, W.
TRUE AND PSEUDO-CHOLINESTERASE: THEIR
DIFFERENTIATION BY THE ACTION OF LOCAL
ANESTHETICS (WITH REGARD TO A NOTE OF P.
PAYOT) (Cholinestérase Vraie et "Pseudo-Cholines-
terase". Leur Différenciation par l'action d'Anes-
thésiques Locaux (à propos d'une note de P. Payot).
[1961] 5p. 8 refs. 62-10269
Order from SLA \$1.10

Trans. of Schweizerische Medizinische Wochenschrift,
1948, v. 78, p. 282-284.

DESCRIPTORS: *Cholinesterase, *Nervous system,
*Sorum, *Anesthetics, Acetylcholines, Caffeine,
Pharmacology, Inhibition, Physostigmine, Procaine.

(Biological Sciences--Biochemistry, TT, v. 7, no. 10)

62-10269

1. Title: Eucupine
- I. Ferrari, W.
- II. Payot, P.

208345

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Antiproliferation and Antitumor Activity of Derivatives of 4-Oxystilbene Ethane. Report II. Antitumor Action of 4(β - β , β' -dichloro ethylamino)-ethyl)-oxystilbene (M.G. 1640), by G. Cavallini, W. Ferrari, E. Massarani, D. Nardi, L. Vargiu, 12 pp.

ITALIAN, per, Giorn Ital Chemio Terapia, pp 321-328.

NIN Tr 4-10

Sci - Med

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May 58

25
Process for Baking Laminated Boards or any Masses
of Synthetic Wood in Slab or any Other Form, for
Use in Carpentry and Cabinet Making in General, and
Product Obtained Thereby, by Giuseppe Carloni,
Franco Ferrarini, 5 pp.
ITALIAN, patent, No 554,198.
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Sci - Engr
Jan 68

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Tert. -Butyl-Hydroperoxide, by E. Ferraris.
CZECII, per, Materie Plastiche ed Elasto-
meri, Vol 30, No 4, 1964, pp 329-335.
NTC 69-12444-07C

E. FERRARIS

Sci-Chem
Aug 69

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Ferraris, E.
POLYETHYLENE GLYCOL TEREPHTHALATE,
PT. II, 26 Apr 62 [38]p. 40 refs.
Order from SLA \$3.60

65-10793

Trans. of Materie Plastiche (Italy) 1960, v. 24,
no. 8, p. 775-790.

DESCRIPTORS: *Polyethylene plastics, Glycols,
*Phthalates, Production, Chemical properties, Physical
properties, *Plastic films, Thickness, Bacteria,
Fungi, Toxicity, *Metal films, Machines, *Bonding,
*Dyes, Printing, *Ink, *Laminated plastics, *Static
electricity, Static eliminators, Disinfectants, Aging,
*Ultraviolet light, Absorbants, *Adhesives.

A state-of-the-art review dealing with plastic films of
polyethylene glycol terephthalate. Topics include:
preparation, thickness and width; resistance to fungi
(Materials--Plastics, TT, v. 10, no. 1) (over)

65-10793

1. Ferraris, E.

1009057

Office of Technical Services

60-18782

Ferraris, E.
THE COPOLYMERS OF MALEIC ANHYDRIDE. 1.
WATER-SOLUBLE RESINS. [1960] [15]p. [refs.
omitted].
Order from SLA ml\$2.40, ph\$3.30 60-18782

Trans. of Materie Plastiche (Italy) 1959, v. 25,
p. 707-714.

Processes are reviewed for making water-insoluble
the copolymers of maleic anhydride.

1. Maleic anhydride--
Polymerization
2. Copolymerization
1. Ferraris, E.
- II. Title: Water-soluble...

Office of Technical Services

(Materials--Plastics, TT, v. 5, no. 2)

The Copolymers of Maleic Anhydride Water-Soluble Resins, by E. Ferraris, Part II, 10 pp.

ITALIAN, per, Materie Plastiche, Vol XXV, 1959, pp 785-790.

SLA 60-18783

Sci

Apr 61

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Forming Agents, by E. Ferraris, 43 p.

ITALIAN, mono,

ELA 59-17252

Sci
Dec 59
Vol. 2, No 6

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Clinical and Biochemical Studies on the Luteotrophic
Activity of Chorionic Gonadotropin and of Prehypo-
physial Luteotrophin, by G. Ferraris, R. Torsello,
25 ~~11~~ pp.

ITALIAN, per, Quaderni di Clinica Ostetrica e
Ginecologia (Parma), Vol XII, No 2, 1957, pp 112-
128.

NIM/Tr 11-17

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Sci. - Med
Dec 57

A Rare Report Following Vaginal Hysterectomy: The
Vaginal Prolapse of the Tube, by G. Ferraris, 7 pp.

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1972, pp 666-669.

MM 5-32

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Scientific - Medicine
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Polymneuritis and Trophic Changes Due to
Barbiturate Intoxication, by M. Ferraris. 40
SPANISH, per, Sistema Nervoso, Vol 11,
No 2, 1959, pp. 119-28.
NTC 69-11573

M. Ferraris

Sci-B&M
July 69

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An Ion Exchange-Photometric Method for the
Determination of Uranium in Steel, by Thomas A.
Ferraro, 17 pp.

UNKNOWN

Dept of Interior
EN757 U/P3

Sai - MIA/Mrt

Feb 7 63

Roberto Bule Marx and His Gardens, by Geraldo
Ferraz.

SPANISH.

SLA per
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Jun 59

TECHNICAL EDUCATION IN CZECHOSLOVAKIA, BY
RICARDO FERRER, 6 PP.

SPANISH, NP, EL DIA, VOL 11, NO 362,
27 JUNE 1963, PP 4.

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